

AMENDMENT OF THE SPECIFICATION

Applicants request amendment of the Abstract as follows.

A B S T R A C T

B1

An optical semiconductor module 10 with a downsizeable structure ~~is provided.~~
~~An optical semiconductor module 10 comprises~~ having a mounting member 20, first member 30, optical semiconductor element 22, second member 34, and optical fiber 40. The mounting member 20 extends along a reference surface intersecting an axis 12. The first member 30 has a tubular portion 30a extending in a direction of the axis 12, a first end 30b formed at one end of the tubular portion 30a and fixed to the mounting member, and a second end 30c formed at the other end of the tubular portion 30a. The optical semiconductor element 22 is arranged ~~in the tubular portion 30a of the first member 30~~ such that its optical axis is directed in a direction of the predetermined axis 12. ~~The second member 34 has a tubular portion 34a extending in a direction of the axis 12, and is fixed to the second end 30c of the first member 20.~~ The optical fiber 40 ~~extends in the tubular portion 34a of the second member 34 such that it is optically coupled to the~~ optical semiconductor element 22.

Applicants provide a marked up version of the last paragraph starting on page 3 and ending on page 4 showing the requested amendments relative to the previous version.

B2

An optical semiconductor module according to the present invention comprises a mounting member, a first member, an optical semiconductor element, a second member, and an optical waveguide. The mounting member extends along a reference ~~plain~~ plane

Cont'd Bd

intersecting a predetermined axis. The first member has a tubular portion, first and second ends, said tubular portion extending in a direction of the predetermined axis, a first end being provided at one end of the tubular portion, and a second end being provided at the other end of the tubular portion. The first end is secured to the mounting member. The optical semiconductor element is arranged in the tubular portion of the first member such that its optical axis extends in a direction of the predetermined axis. The second member has a tubular portion extending in a direction of the predetermined axis, and is secured to the second end of the first member. The optical waveguide is provided to pass through in the tubular portion of the second member such that it is optically coupled to the optical semiconductor element.

Applicants provide a marked up version of the last paragraph starting on page 11 and ending on page 12 showing the requested amendments relative to the previous version.

B 3

The mounting member 20 can be a plate-like member, e.g., a metallic member processed by plating an iron member with gold, extending along a reference plane intersecting the predetermined axis 12. The mounting member 20 has a element mounting surface 20a and a terminal arranging surface 20b ~~both~~ each extending along the reference ~~plain~~ plane. The element mounting surface 20a has a support projection 20c extending in a direction of the predetermined axis 12. The support projection 20c has a support surface 20d for mounting the optical semiconductor element 22 thereon, and the support surface 20d extends in a direction of the predetermined axis 12. The optical semiconductor element 22, such as a light-receiving element and light-emitting element, is arranged on the support surface 20d.